

Power Line Communications (PLC) as have been tested in Japan, Europe, and the U.S., will almost completely block worldwide communications in the 1-30 MegaHertz spectrum, and probably above and below this band as well.

(1) The current Part 15 interference level standard is far too high. Many amateur radio operators currently make worldwide radio contacts using signals that present as little as 1 or 2 microvolts at the receiver, and considerably less at the antenna. The current interference level standard of 30 microvolts per meter is obviously far too high and needs to be reduced to a reasonable level commensurate with the way the HF spectrum is used.

(2) Since very weak signals can be carried anywhere in the world in the 50 kiloHertz to 60 megaHertz spectrum, and many amateur radio operators currently carry on communications with equipment capable of producing far less than 1 watt of power in this band, PLC emissions will be propagated everywhere in the globe, blanking out HF communications consistently at all but the highest gain levels.

Please rationalize the maximum Part 15 emissions limit down to 1 microvolt or less, and please DO NOT permit Power Line Communications to operate in the 50 khz to 60 mhz spectrum.

Thanks,  
- Timothy F. Prosser